

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
		OTHER : _____							

Work Order ID 161389

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161389

Page 2

Item ID: 644,4102 **Accept** ***N900040100*** **Setup Start *NS1***
Revision ID: **Stop *NS2***
Item Name: Pivot Step Assembly
Start Date: 6/5/2017 **Start Qty:** 12.00 ***12*** **Cust Item ID:**
Required Date: 6/5/2017 **Req'd Qty:** 12.00 ***12*** **Customer:**
Reference: SCHEDULED/C

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____ **Run Start *NR1***
QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____ **Stop *NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	QC21- Final Inspection - Work Order Release	0.00							
140							DAS 21		JUL 13 2017
QC	Memo	1.20					9-59		
Quality Control									



JUL 13 2017

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Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Work Order ID: 161389

161389

Parent Item: 644.4102

644 4102

Parent Item Name: Pivot Step Assembly

Start Date: 6/5/2017

Required Date: 6/5/2017

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP REV:A 16.12.06 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
644.4104 *644 4104* FWD Bracket Assembly		Purchased	No			110	Each	0.0000	1	12			
									**	161402		DAS 6 9-89	
644.4114 *644 4114* Washer, Pivot		Manufactured	No			110	Each	0.0000	1	12			
									**	161403		DAS 6 9-89	
AN310-5 *AN310-5* Nut		Purchased	No			110	Each	23.0000	1	12			
									**			DAS 6 9-89	JUL 11 2017
					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						
					ST331	23							
					m135672	23							
MS21044N5 *MS21044N5* NUT		Purchased	No			110	Each	79.0000	1	12			
									**			DAS 6 9-89	JUL 11 2017
					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						
					ST302	79							
					m129624	79							
MS24665-210 *MS24665-210* Cotter Pin		Purchased	No			110	Each	93.0000	1	12			
									**			DAS 6 9-89	JUL 11 2017
					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						
					ST289	93							
					M136349	93							

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
				Completed By					
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					

Root Cause				FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐		
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐		
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Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____					
Misidentified ☐	Past Due ☐						

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Work Order ID: 161389

161389

Parent Item: 644.4102

644 4102

Parent Item Name: Pivot Step Assembly

Start Date: 6/5/2017

Required Date: 6/5/2017

Start Qty: 12.00

Required Qty: 12.00

AN5-50 Purchased No 110 Each 18.0000 1 12

AN5-50

Bolt

**

DAS
6
9-89

JUL 11 2017

Location

Loc Qty

Loc Code

ST335

18

m136484

18

NAS1149C0563R

Purchased

No

110

Each

172.0000

5

60

NAS1149C0563R

Washer

**

DAS
6
9-89

JUL 11 2017

Location

Loc Qty

Loc Code

ST265

172

m131697

172

644.4119

Manufactured

No

110

Each

0.0000

2

24

644 4119 ✓

Spacer, Fwd Stop

**

137853

DAS
6
9-89

JUL 11 2017

644.4121

Purchased

No

110

Each

0.0000

2

24

644 4121 ✓

Washer, Nylon

**

161405

DAS
6
9-89

JUL 11 2017

644.4122

Purchased

No

110

Each

0.0000

1

12

644 4122 ✓

EC145 Fwd Crosstube Bushings

**

161406

DAS
6
9-89

JUL 11 2017

644.4123

Purchased

No

110

Each

0.0000

1

12

644 4123 ✓

EC145 Fwd Crosstube Bushing

**

161407

DAS
6
9-89

JUL 11 2017

644.4124

Manufactured

No

110

Each

0.0000

1

12

644 4124 ✓

Washer, Pivot

**

161408

DAS
6
9-89

JUL 11 2017

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Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
		OTHER : ☐							

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Work Order ID: 161389

161389

Parent Item: 644.4102

644 4102

Parent Item Name: Pivot Step Assembly

Start Date: 6/5/2017

Required Date: 6/5/2017

Start Qty: 12.00

Required Qty: 12.00

AN5-45

Purchased

No

110

Each

3.0000

1

12

AN5-45

**

Bolt

13774x9

DAS
6
9-89

JUL 11 2017

Location

Loc Qty

Loc Code

ST335

3

m136406

3

3

DQA: _____ Date: _____



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